

PUB-NO: DE004100400A1

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TITLE: Reflex camera with CCD line sensor
attachment - has back-plate with CCD line sensor
mounted in frame and driven in image plane by motor

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INVENTOR-INFORMATION:

NAME	COUNTRY
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
KODAK AG	DE

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ABSTRACT:

The photographic reflex camera has an exchangeable back-plate mounted on the camera housing. A back plate may be fitted which includes a CCD line sensor (20) for scanning the image plane of the camera. The back plate has a sprung frame for holding the CCD line sensor against film guide rails in the camera.

The frame is provided with a motor (16), spindle (17) and guide rail (19) for moving the CCD line sensor in the image plane. A photodiode (21) is provided for measurement of the required exposure time.

ADVANTAGE - Allows high resolution electronic picture taking in conjunction with conventional film camera.